Message

From: Chris Parks [cparks@iwmconsult.com]
Sent: 4/4/2019 9:27:16 PM
To: Bury, Carolyn [bury.carolyn@epa.gov]; jbian@amphenol-aao.com
CC: Brad Gentry [bgentry@iwmconsult.com]; Neal, Conor [Neal.Conor@epa.gov]; Sundar, Bhooma [sundar.bhooma@epa.gov]; Caudill, Motria [caudill.motria@epa.gov]
Subject: Confidential: Draft data from Design-Level Data Soil Investigation
Attachments: Draft Design-Level Data Soil Analytical Results Table.pdf; Soil PCE Below Sewer.pdf; Soil PCE Above Sewer.pdf; Soil PCE Base of Unit B.pdf; Soil TCE Unit B Base.pdf; Soil TCE Above Sewer.pdf; Soil TCE Below Sewer.pdf; Draft Unit C Structural Contour Map.pdf

Carolyn,

Please see the attached Draft Design-Level Data Soil Sampling Analytical Results. I have also attached 3 draft PCE in soil maps, 3 draft TCE in soil maps, and a draft Unit C topographic map.

As you can see in the soil maps which display data immediately 1' above/1' below the sewer, the off-site PCE/TCE impacts are limited, as most concentrations are near the PCE/TCE migration to groundwater screening level. Additionally, impacts along the sewer at the base of Unit B are elevated in a couple of areas, but these areas will likely not be able to be excavated due to their total depth/depth below the water table.

Following review of the Unit C Topography, there appear to be some troughs/lobes; however, based on the lack of observed NAPL during off-site soil boring installation and generally low absorbed concentrations, it appears that PCE/TCE impacts leached to groundwater from cracks in the sanitary sewer line and then migrated vertically.

Please let me know if you have any questions.

Sincerely,
Chris

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